

Listing of the Claims

1. (Currently Amended) A process for preparing satin white, wherein an aqueous solution of aluminum sulfate and a slurry of calcium hydroxide are brought together batchwise in a planetary kneader mixer and react to form satin white.
2. (Original) A process according to claim 1, wherein the aluminum sulfate is added in the form of an aqueous solution having a concentration of 20 to 28%.
3. (Previously Amended) A process according to claim 1, wherein the calcium hydroxide is added in the form of a slurry having a content of calcium hydroxide of from 30 to 40%.
4. (Currently Amended) A process according to claim 1, wherein the solids content during the reaction is at least 35% by weight, based on the weight of the reaction mixture.
5. (Original) A process according to claim 1, wherein a dispersant is added to the satin white.
6. (Currently Amended) ~~Use of very high shearing forces for preparing satin~~ Satin white comprising at least 95% of particles smaller than 2 μ m, at a solids content of at least 35%, wherein the satin white is prepared by mixing an aqueous solution of aluminum sulfate and a slurry of calcium hydroxide using very high shearing forces.
7. (New) A process according to claim 1, wherein the solids content during the reaction is between 45% and 55% by weight, based on the weight of the reaction mixture.
8. (New) A process according to claim 1, wherein the planetary kneader mixer is operated at a speed of between 15 and 200 r.p.m.
9. (New) A process according to claim 1, wherein the aluminum sulfate and calcium hydroxide react for between 10 and 45 minutes.

10. (New) A process according to claim 1, wherein the aluminum sulfate and calcium hydroxide react for between 15 and 25 minutes.
11. (New) A process according to claim 5, wherein the dispersant is added in an amount such that the satin white has a viscosity of between 20 and 50 mPa's, measured according to Brookfield LV with a spindle speed of 60 r.p.m. at 25°C.
12. (New) A process according to claim 5, wherein the dispersant is selected from the group consisting of gum Arabic, soybean protein, casein, hydroxyethyl starch, carboxymethyl cellulose, polyacrylates, citrates, sulfonates, and copolymers of maleic anhydride and styrene or long-chain aliphatic hydrocarbon.
13. (New) A process according to claim 5, wherein the dispersant is added in an amount of from 1% to 8% by weight, based on the reaction mixture.
14. (New) A process according to claim 1, wherein the aluminum sulfate and calcium hydroxide are reacted at a temperature of between 15 and 45°C.
15. (New) A process according to claim 1, wherein the aqueous solution of aluminum sulfate and the slurry of calcium hydroxide react to form satin white particles, at least 95% of which have a size of less than 2 μm .

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